

PureLink ODA II Tx/Rx DVI +Audio/RS-232 over 2 LC Fiber Extender (Transmitter/Receiver) Kit

Fiber optical cabling between Transmitter and Receiver	
Type / Number of fiber	2 Strand fiber optic cable, 50/125 μ m or 62.5/125 μ m multimode & singlemode
Connector	2 Female LC connectors
Operating distance	Up to 6,600 ft (2000m) singlemode / up to 1,650 ft (500m) multimode
NOTE: Operating distance is approximate. This is a typical distance. The maximum distance may be greater than these typical numbers depending on factors such as fiber type, bandwidth, connector splicing, loss, bend radius and environmental factors.	
Nominal peak wavelength	850 nm (Multimode) 1310nm (Singlemode)
Transmission power	
Singlemode	-5 dBm, typical
Multimode	-5 dBm, typical
Maximum receiver sensitivity	
Singlemode	-17 dBm, typical
Multimode	-11 dBm, typical
Optical loss budget	
Singlemode	12 dB, Max
Multimode	8 dB, Max
Video	
Maximum Channel Data Rate	1.65 Gbps per color
Pixel clock	165 MHz
Supported resolution	Up to 1920 x 1200 / 1080p @ 60Hz single link (up to 6,600ft) Singlemode Up to 1920 x 1200 / 1080p @ 60Hz single link (up to 1,650ft) Multimode
Formats	RGB & YCbCr digital
Standard	DVI 1.0, HDMI 1.3
HDCP support	Yes
Audio	
Connector	3.5mm Mini Jack Stereo Audio
Gain	Unbalanced output: 0 dB, Balanced output +5 dB
Frequency response	20Hz, \pm 0.05dB
Impedance	>10K ohms(input) 50ohms (unbalanced output) 100 ohms (balanced output)
Nominal level	-9dBV
Maximum level	+6 dBV (Unbalanced, input), > \pm 16 dBu (balanced output)
Video connector - Transmitter & Receiver	
Signal Type	Single link DVI-D
Connector	Female DVI-D
Control - external device (Pass-thru, bidirectional)	
Serial control port	
Transmitter	3 Female Phoenix connector, (Tx, Ground, Rx)
Receiver	3 Female Phoenix connector, (Tx, Ground, Rx)
Baud rates	Support up to 115200
General Information	
Power supply	Ext. adapter - Input: 100-240 VAC, 50-60 Hz, Output: 12VDC, 3A, 13 watts(max)
NOTE: Both transmitter and receiver extender need to be powered locally by provided external power supply adapter.	
Power consumption	

Transmitter	7 watts
Receiver	7 watts
Cooling	Convection
Mounting	Mounting ears for ceiling and behind the monitor
Dimension	4.3' (w) x 3.1' (d) x 1.6' (h)
Weight	0.9 lbs per receiver, 0.9 lbs per transmitter

NOTE: All nominal levels are at $\pm 9\%$

NOTE: Specifications are subject to change with or without notice.